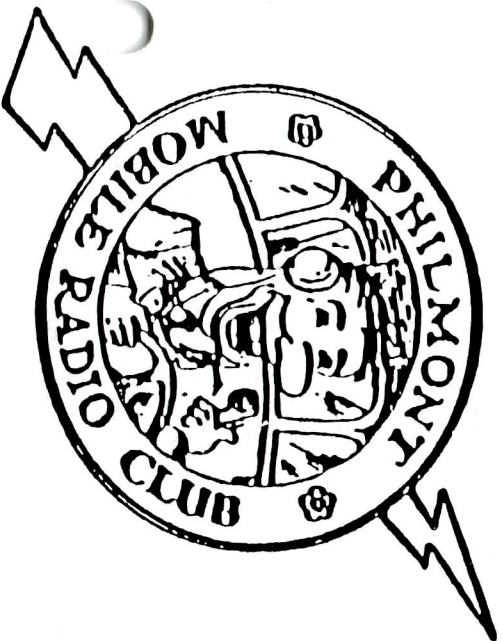


FIRST CLASS MAIL



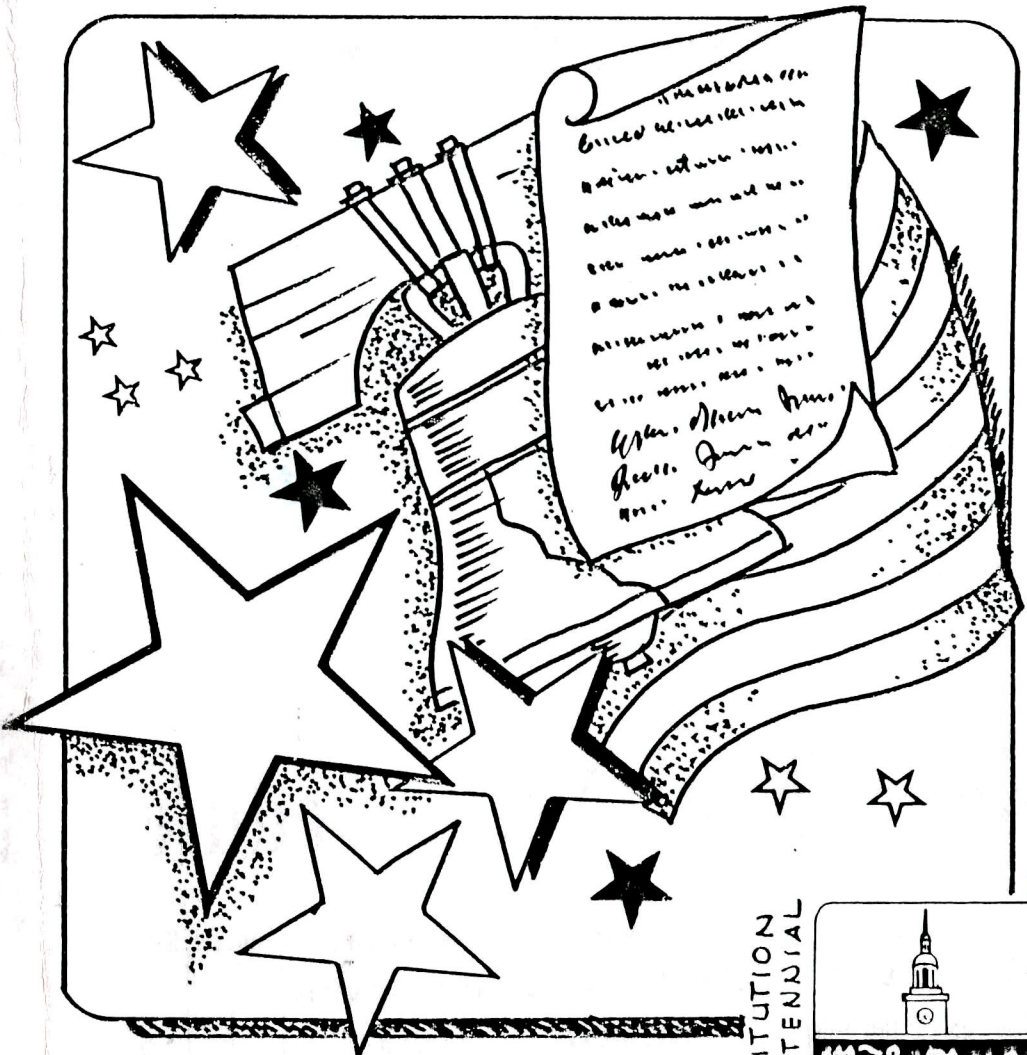
the blurb

A Philmont Mobile Radio Club Publication

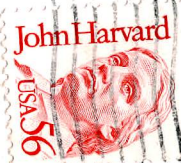
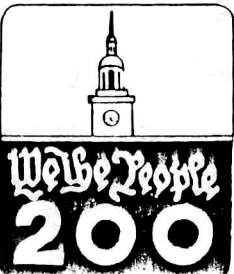
125 Keeley Avenue
New Britain, PA 18901



PHILMONT MOBILE RADIO CLUB
Blurb
JULY 1987
W3RQZ • W5TKQ • W3QV



CONSTITUTION BICENTENNIAL



JACK HARING
VIRGINIA J. HARING
2113 EDGEHILL DRIVE
FURLONG PA 18925

W3IIM
R
W3IIN
R

THE BLURB

is published monthly by and for the members of The PHIL-MONT MOBILE RADIO CLUB, INC. Our purpose is to promote Amateur Radio in general, and Mobile Radio in particular. Copying and quoting is permitted with a credit line. We gladly exchange publications with other amateur radio clubs; requests should be sent to the Editor. BLURB subscriptions are available to non-members for \$6.50 addressed to the Treasurer. The club meets at 8 PM on the first non-holiday Monday of every month at The Franklin Institute, 21st Street and the Benjamin Franklin Parkway, Philadelphia. Use the rear entrance. ALL VISITORS ARE WELCOME!
Amateur Radio License Examinations - Every meeting night at 6:30 PM.

CLUB INFORMATION

Mailing Address: P.O. Box 88, Abington, PA 19001
24 Hour Information Number at W3TKQ: (215) 448-1139

STATIONS

W3QV - 147.03 Mhz. Repeater - 8200 Ridge Avenue, Philadelphia, PA - Trustee W3888
W3RQZ - 1176 Old York Road, Abington, PA - Trustee W3VVS
W3TKQ - The Franklin Institute, Philadelphia, PA - Trustee W3PWG
W3TKQ Operators: WA3AAL, Fred; N3ABS, John; K3TEF, Frank; KA3PJC, Jack; W3PWG, Rollie

OFFICERS

PRESIDENT: KA3BET, Fred Reichert, Sr.
1062 Quarry Hall Road, Fairview Village, Norristown, PA 19403
VICE PRESIDENT: W83CMM, Bill Mescanti, 405 E. Rively Ave., Aldan, PA 19018
SECRETARY: N3EAY, Bob Ricker, P.O. Box 93, Zieglerville, PA 19492
TREASURER: KB3IV, Ed Masarsky, 15 Poe Avenue, Wyncote, PA 19095

DIRECTORS

W3888 (A); K3GNM (A); AK2I (87); W3IIM (A); W3RM (87); W3VVS (88); W3ZPP (88)

BLURB STAFF

Editor: W3PST, Woody Haldeman, 125 Keeley Ave., New Britain, PA 18901
Art Work: Sam Kunceovich
Typist: W3IIM
Assistant Editors: W3IIM & W83KQJ
Swap 'n Shop: W3888

DEADLINE: To be assured of publication in the current month, all copy MUST be in the hands of the Editor at the Bored of Directors' Meeting.

Phil-Mont Net Schedule

Sunday	Mon	Tuesday	Wednesday	Thu	Fri	Sat
09:30 147.030 MHz FM		20:00 147.030 MHz FM	20:00 147.030 MHz FM			
10:00 28.400 MHz SSB		Personalized CW	Triple B-S			
10:20 3.993 MHz SSB		Practice Net	Swap Net			

6/87

Power... continued from page 16

So, to minimize the risk of over voltage damage, a combination of elements should be incorporated into the surge suppressor: something super fast to capture the leading spike, something reasonably fast and powerful to shunt most over voltage conditions, and something extremely powerful to deal with large impulses caused by lightening and large inductive loads. Finally, a surge suppressor should also have an under voltage sensor that shuts off the unit until a manual reset button is pressed. This is important because there is usually a larger surge when utility power is restored than during drop out.

Recent tests done by PC Magazine on 34 devices produced the following recommended surge suppressors:

Datashield S85 and S100 from PII Industries, Panamax MAX2 and MAX6, and the Surge Sentry DSF from Dynatech.

Most PC owners would rather take their chances with a good surge suppressor than without one. Think of your specific needs but don't exceed them. Determine the extent of problems with the commercial power. Analyze the costs of supplying and maintaining various forms of protective equipment against the potential economic penalties of no protection.

From the April 1987 "UP-LINK" published by the Cherryville Repeater Association II, Inc.

ce w3pst
(our problem).
ber contribu-
tions, recruit-
ing and train-
ing and tech-
nical articles

from the rear seat -
I'm laying down while I type this, I hope you don't mind, it sure has been a rough week. Nice weather, though.
Each year the Amateur Radio News Service (ARNS) conducts a review of sorts of club newspapers, newsletters, etc. It is hardly a contest as there are no clear winners, or even competition. Your BLURB was labeled OUTSTANDING. We received 33 out of a possible 48 points. Our weakest areas are editorials (my problem), mem-



*Sunday
30 Aug 87*

**"Our Twenty-Eighth Anniversary Year"
9th ANNUAL HAMFEST**

Bigger and Better Every Year at:

**GLOUCESTER COUNTY 4H FAIRGROUNDS
Route 77, Mullica Hill, NJ**

Talk In: 147.78/18 and 146.52/52 (Simplex)

DOORS OPEN 8 AM to 4 PM (7 AM for Set-up)

Rain or Shine Tailgating & Covered Pavilion Table Spaces

TICKETS: \$3.50 In Advance—\$4.00 at Gate

Plus Sellers: \$4.00 per Space—with AC Power \$4.50

VEC Testing: Novice thru Extra — 10:30 AM

Please allow ample time to register prior to time of test.

ARRL APPROVED HAMFEST

NO ALCOHOLIC BEVERAGES!!

FOOD AND REFRESHMENTS—SPECIAL PRIZES—CONTESTS

DOOR PRIZES THROUGHOUT DAY—MAIN PRIZE DRAWINGS

ATTENDANCE NOT REQUIRED TO WIN

1st Prize: Icom 735 Xceiver **2nd Prize:** AEA PK232 TM

3rd Prize: 20 Amp Metered P.S. **4th Prize:** Computer Software

Raffle Chances—\$1.00 for Yaesu 2 Meter or 220 Mhz. Handheld

FOR INFORMATION & ADVANCE TICKETS: G.C.A.R.C., P.O. Box 370, Pitman, N.J. 08071
Or Call: John Fisher K2JF (609) 589-2318 or Harry Spiece NJ2B (609) 728-7454

For a list of winners send written request with a SASE to GCARC c/o Hamfest Chairman

**THE PREZ SEZ
KA3BET**

Sunday June 13th 1987, is a date that members of Phil-Mont can be proud of. With little advance notice, our club rallied its forces and provided a communications network for Core States Bicycle Race in Philadelphia. Not only that, but there were only a few who were not club members. The course was well covered (approximately 14 points of coverage) and included cellular telephone, 2-meters and coordination with police and emergency services. We provided service only for the health and safety of the competitors and the general public. We were able to obtain quick service for 2 women (not riders) who had received head injuries. This is the public service for which the club is designated a Special Service Club. Gil, W3SRU, coordinated the operation for Phil-Mont and did a great job, considering what he had to work with.

That is not to say that there weren't problems because there were. However, a lot of them were not of Phil-Mont's doing nor under our control. Some of the problems were food service to us and the marshals, reckless driving by the media and support vehicles, some traffic handling problems by the police and so on.

They did not, however, detract from the race which was a thriller, run on schedule, had beautiful weather and had a movie-like ending. It was good exposure for the City of Philadelphia, amateur radio in general and Phil-Mont in particular.

Don't forget our summer events - Paddlerama and the Club Splash. Look for details in this and past issues of the BLURB. Also, our meetings are held throughout the year, including July and August, in an air conditioned facility. Enjoy your summer and try to include Phil-Mont in your plans.

**AN OPEN LETTER
TO SAM KUNCEVICH**

Regarding your obvious (to me) personal distress from the comments made in the guest editorial "IT SEEMS TO ME" in the March '87 issue of the BLURB:

You shouldn't take personally any comments made in the BLURB. The last thing anyone wants to do is to indicate that your efforts are not appreciated! The editorial was written by one person who wishes that Phil-Mont was exactly the same today as it was many years ago when all the old "I-put-in-my-time", members still enjoyed getting out with their buddies and doing ham-type things. He doesn't realize that it's not just PHRC that has changed. The things people do with their free time have changed, as well as the real (or perceived) need for a "mobilized - always at the ready" membership, what with the advent of newer communications systems such as handy talkies, amateur repeaters, public cellular radio, and, yes, even C.B.! Just tune in to the weekly Montgomery County RACES net to see just how thrilling it can be listening to all those call letters being recited back and forth as they remain "prepared" to handle the next emergency. Look also at our communications van's log to see how often it has been pressed into emergency service lately.

Continued on page 13

MINUTES June 1987 GENERAL MEETING

MINUTES June 1987 DIRECTORS' MEETING

KA3BET opened the General Meeting of the PHIL-MONT MOBILE RADIO CLUB at 8:00 P.M. on June 1, 1987.

KB3IV gave the Treasurer's Report, which was approved as read. He also requested that you remember to renew your ARRL membership through the club.

KA3BET introduced Hugh Turnbull and Kay Kreigy from the ARRL who are our guest speakers for this evening.

N3DHI on MO-COM: Rick listed KA3BET, WB3KAC, KB3JW, W3RM, W3VVS, W3IIM, K3G8A, K3GNM, W388B, WB3CHM, N3EAY, KB3IV, KA3AM0, and W3YLT as approved and trained operators of MO-COM. Unfortunately, the van required some repair to pass inspection, but as of 5-30-87 it is ready to respond when called upon.

W388B on W3QV/R: We have the new controller, and it has been interfaced with the new repeater. It is currently being tested and programed. The new controller came with the version 3.00 software which is currently costing other clubs \$125.00 for the upgrade. This includes an increased vocabulary, and simplified user functions.

W3VVS reported there were members and 11 visitors present. Paul introduced Ken Florence KA3PLS, Joanne Smith KA3RKQ, David Cappero, Bill Clayton K3HIV, Jim Antonocia WA3EID, John Gordon KA3LUD, Bob Jesiewicz WA3PCO, Gerry Mahoney W3FB, and Paul Bodin WB3CZP.

Jim reported that the Delaware Valley Council of Radio Amateur Clubs are giving out different weekends for the operation of the Suburban Van between 5th and 6th on Market St. Accidently, we got slated for the weekend of August 15th, which caused a conflict with our club calendar.

Continued on page 8

WB3CHM opened the meeting held at the home of W388B sponsored by N3DHI at 8:00 P.M. on June 17, 1987. In attendance were WB3CHM, W3RM, W3AA, W2HSA, N3EAY, W3IIM, K3G8A, K3GNM, WA3AUN, KB3JW, W388B, N3DHI, W3IIM, W3IRS, W3SGR.

KB3JW and N3EAY reported that all went well at the Corestates Bike Race. Our assistance was again termed "invaluable" by race officials. There were three accidents; two required people to be taken to the hospital, but follow up reports indicated that injuries were minor and the people would be released. There were several incidences where unauthorized traffic got on the course, but that is difficult to control when cross roads had to be opened to let traffic out of West Philadelphia. There was one incident that required Police intervention, at one of our check points, to control the crowd. Philadelphia Police are to be complemented on their responsiveness. A call to the Police Communications Van (R2) was usually all that was required to get them on the scene. At this time the club would like to express its appreciation to KA3MHO, N3ALW, KB3CT, KB3QE, KB3JW, KF4LM, KA3BET, N3ELS, W3LKI, K3PHC, KA3AM0, KA3RKQ, WB3BLR, KA3LUD, W3SRU, and N3EAY for their service and contribution to making this event a success. THANKS!!!!!!

N3DHI for W3SRU: The idea was brought to the floor to give Phil-Mont certificates to all participating in events such as the Bike Race. After some discussion, it was decided that, to maintain the prestige that the certificates currently have, we will continue to issue them only to non-members and outgoing officers for their contributions to our club.

Continued on page 13

MARYLAND HAMFEST



AND COMPUTER FEST

SPONSORED BY THE

BALTIMORE RADIO AMATEUR TELEVISION SOCIETY

SUNDAY, JULY 26, 1987

OPEN FOR SET-UP, SUNDAY AT 6 A.M.

DEALER SET-UP BEGINS SATURDAY AT 2 P.M.

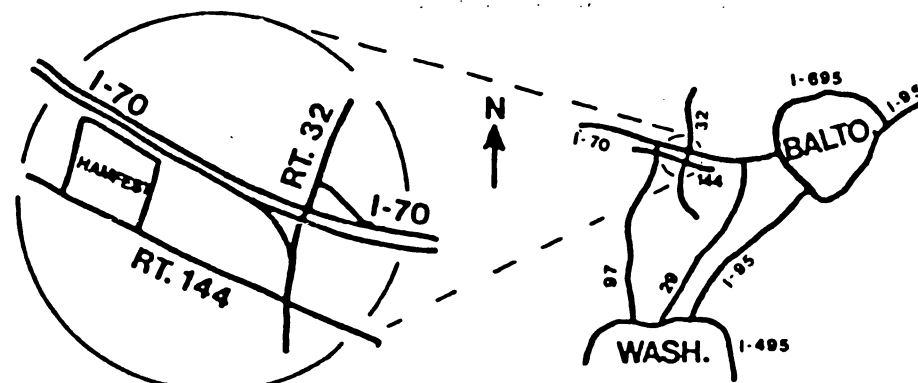
AT THE

HOWARD COUNTY FAIRGROUNDS

15 miles WEST of BALTIMORE

just off I-70 at RT. 32 on RT. 144

ACCESSIBLE TO THE HANDICAPPED



TOP PRIZES GIANT FLEA MARKET

GOOD FOOD REFRESHMENTS

TALK-IN: 146.16/76

147.63/03

146.52

TAILGATING

TABLES AVAILABLE

KIDS UNDER 12 FREE!

INDOOR/OUTDOOR EXHIBIT AREAS

COMPUTERS RAIN OR SHINE

FOR INFO & RESERVATIONS,
WRITE: BRATS

P.O. BOX 5915

BALTIMORE, MD 21208

ty of the 40 foot level I met the barrel coming up the tower. This accounts for the two fractured ankles and the lacerations on my legs and lower body.

The encounter with the barrel slowed me enough to lessen my injuries when I fell on the pile of tools, and, fortunately, only 3 vertebrae were cracked. I'm sorry to say, however, that as I lay there on the pile of tools in pain, unable to stand, and watching the empty barrel 80 feet above me, I again lost my presence of mind and let go of the rope...

From the April 1987 "UP-LINK" published by the Cherryville Repeater Association II, Inc.

Power... continued from page 6

completely isolated from switching transients, lightning, and line noise.

The SPS uses a very fast automatic switch (within milliseconds) to switch the PC from the normal commercial source of power to the backup supply. One advantage of the SPS is that it is less expensive than the UPS.

Another consideration, when evaluating SPS and UPS systems, is the type of waveform the device generates. Both SPS and UPS systems come with different output waveforms. A sine wave output exactly matches that supplied by the utility company. Square wave inverters are cheaper and easier to manufacture but may cause problems. A recently developed compromise is the stepped square wave, which roughly simulates a sine wave. This topology overcomes the risk of overheating PC power supplies and drives for hard disks.

Over Voltages

Although a complete loss of

power can wipe out a computer's memory, it is usually not fatal to computer hardware. Over voltages, however, are transient conditions that provide too much voltage to the PC. If the over voltage is severe enough, it cannot be regulated by the PC power supply and can permanently damage PC hardware. The damage can be catastrophic or may result in a degradation of components. These parts would become vulnerable to further cumulative damage until complete failure occurs.

Over voltages fall into two categories: spikes and surges. Spikes are any high-frequency transient increase or decrease in line voltage lasting for 8 milliseconds or less. Surges are an increase in line voltage lasting 8 milliseconds or longer.

The least expensive and simplest method to protect against potentially damaging over voltage conditions is to install a properly designed surge protector that can handle a variety of over voltage conditions. Many devices are available, including metal oxide varistors (MOVs), carbon gap, gas tubes, coaxial arrestors, capacitors, and resistors. None of these devices by itself answers all types of problem. A properly designed surge suppressor combines the best features of several different devices to combat different problems.

For example, the silicon diode reacts very quickly (in nanoseconds) and can catch the leading edge of a fast impulse. However, the diode cannot withstand large transient current. A good complement for the diode is the addition of a MOV, which can handle larger surge currents and can clamp the voltage at a predetermined level. The MOV by itself also has drawbacks. Because the MOV cannot handle large energy levels following a spike, a gas discharge tube or carbon gap, which can handle up to 20,000 amps of current, is commonly used after it.

Continued on page 19

THE TVI RETREAT W3SGR

Way back when - when ten meters was the thing in your car - the club used ten meters AM, 29.493 as a talk frequency. Why 29.493? Well, someone (QOH) found a lot of crystals that hit that frequency, so we all bought one (25 cents). After all, everyone could afford that? You must remember that those were the days when money was money!

I will let someone else write about the receivers and transmitters used at that time. HA410 was hot at that time. 100 bucks. It had to be resoldered when bought. "Put together by a pregnant Geisha Girl".

Any way, with that background, I would like to tell you about two things and their effect.

Seems some of the guys would get on the air (29.493, no repeater) and talk, talk, talk. They sounded like some of those TV preachers. So someone, (I won't write his call--HI) started shouting "Ah, Shut Up!" and others would join in. Of course, the preacher couldn't hear that extra noise, being a one way street, but every one else could. It was good for a laugh. (Guess why we have a timer on two!)

This got to be the thing to do, and I joined in as one of the guys. I found out the hard way that this had its bad point.

One day I received a phone call from a very nice gentle voice; "I was told by the TV station", she said, "to call you (me), and tell you what happened while looking at our brand new TV". She said, "We were watching the Shakespear play 'McBeth' (sic) and at the very dramatic moment, after the actress (Anderson) had helped in a murder, at this time she was ringing her hands in trouble, it was very dramatic at this moment,

... continued on page 7

DETROIT POLICE MADE AIRWAVES TALK OF TOWN

From Engineering Times
via W3YLT

In the 1920s gangster era, bank robbers and bootleggers made clean getaways time after time, to the great consternation of police. For that was before reliable mobile-radio communications existed, communications that could have quickly dispatched patrol cars to the scene of the crime.

But in 1928, a dedicated Detroit patrolman and an electronics buff devised the first successful one-way radio link between police headquarters and cruisers. Critical news of crimes in progress could now be transmitted from the station house to police cars as they drove.

The Institute of Electrical and Electronics Engineers (IEEE) has designated the Detroit Police Dept.'s first use of mobile radio, and two subsequent landmarks in mobile-radio history, as Electrical Engineering Milestones. The Milestones also include Bayonne, N.J., Police Dept.'s pioneering of two-way AM radio in 1933, and the two-way FM radio first used by Connecticut State Police in 1940.

Electronics was a fledgling science when Detroit patrolman Kenneth Cox and Robert Batts, an engineering student, built a stable radio receiver and antenna system. Their successful one-way radio, coming after years of trial and error, was installed in April 1928. The Detroit Police Dept. made history as the first to dispatch patrol cars regularly by radio. Many city police departments shortly followed suit with their own systems.

Soon, police sought the ability to communicate between patrol cars, and from their cars back to the dispatcher. Two-way AM mo-

... continued on page 14

PC POWER PROTECTION KZ2H

Power protection devices are the PC's primary line of defense against electrical fluctuations. Too little or too much electricity can play havoc with the PC. Surveys demonstrate wide differences in the quality of the commercial power available at any specific location. Since power problems are not constant throughout different parts of the country or even parts of a facility, there is no universal solution. One should carefully evaluate the various protection devices that can be added to protect the PC.

Under Voltages

To keep your PC functioning during under voltage conditions (minus 13% or less of nominal) or when the power fails completely, you need another source of electrical power. This can be furnished by either a standby power supply (SPS) or an uninterruptible power supply (UPS). Both SPS and UPS rely on batteries to store energy to deliver to the PC, and both have built-in battery chargers to keep the batteries fully charged. They also have an inverter which converts the DC voltage stored in the batteries into the AC required to operate the PC. There are, however, considerable differences between the two backup systems.

The UPS is an on-line device that both buffers the PC from the commercial power line fluctuations and maintains a charge on its self-contained batteries. Beyond a complete blackout, the UPS protects PCs from high-voltage spikes, surges, sags, brownouts, and other power disturbances that can destroy data and damage equipment. The UPS has several advantages over the SPS. When normal power is available, it acts as a surge suppressor because its outlet is

... continued on page 16

AN ANTENNA RAISING INCIDENT

KB4CIA & NS2K

I'm writing in response to your request for additional information for block No. 3 of the accident reporting form. I put "poor planning" as the cause of my accident. You said in my letter that I should explain more fully, and I trust the following details will be sufficient.

I am an amateur radio operator, and on the day of the accident I was working alone on the top section of my new 80 foot tower. When I had completed my work, I discovered that I had, over the course of several trips up the tower, brought up about 300 pounds of tools and hardware. Rather than carry the now unneeded tools and materials down by hand, I decided to lower the items down in a small barrel by using a pulley which, fortunately, was attached to the gin pole at the top of the tower.

Securing the rope at ground level, I went to the top of the tower and loaded the tools and materials into the barrel. I went back to the ground and untied the rope, holding on to it tightly to insure a slow descent of the 300 pounds of tools. (You will note in block No. 11 of the accident report form that I weigh only 155 pounds.)

Due to my surprise at being jerked off the ground so suddenly, I lost my presence of mind and forgot to let go of the rope. Needless to say, I proceeded at a rather rapid rate of speed up the side of the tower. In the vicinity of the 40 foot level, I met the barrel coming down; this explains my fractured skull and broken collar bone. Slowed only slightly, I continued my rapid ascent, not stopping until the fingers of my right hand were two knuckles deep into the pulley.

... continued on page 15

D-MINS - Continued from page 13

W3RM announced for all interested that he has a copy of Gateway, in his possession, that has an extensive report on packet radio.

W3IIM noted that other local clubs are getting P.R. for their V.E. Exams, and we aren't. It's time to get working on our P.R. A couple names were mentioned for the person in charge of our Public Relations, but the floor is now open for volunteers. Please, if you can handle this small task, and are willing, volunteer through one of the club officers.

N3EAY offered to purchase the old repeater antenna, now in storage, to replace his antenna. After some discussion a price was agreed upon.

It was at this point that W3888 motioned that we move inside to see a working demonstration of the new repeater and controller. It's great!! Soon to be on the airwaves in your neighborhood! Keep your eyes and ears peeled.

The meeting was adjourned at 9:27 P.M.

Thanks to Rick for his hospitality, and the great strawberries! Respectfully Submitted: N3EAY, Recording Secretary

Incident... continued from page 6

Fortunately, by this time, I had regained my presence of mind and was able to hold on to the rope in spite of the pain. At approximately the same time however, the barrel of tools hit the ground, and the bottom fell out of the barrel. Devoid of the weight of the tools, the barrel now weighed only 20 pounds. (I refer you again to my weight in block 11.) As you might imagine I began a rapid descent down the side of the tower. In the vicinity

Continued on page 16

W3QV/RPT

Our new repeater and controller should be operational by the time you read this. Many functions are accessible by touch tone control. We've listed a few that you can try. A more complete listing will be made available later to members.

(Don't forget that it's illegal to access the repeater without identifying your station!)

TOUCH TONE PAD TEST

Press 5 followed by any other tones which you wish to test. When you release the key the controller will read back all tones which it was able to decode.

S METER

Press 8 for a read back of your signal strength at the repeater.

EMERGENCY HELP

Press 911 then release your key and wait for the alert tones to be broadcast. (This function is available at all times.)

"SLEEP" MODE

The repeater will be "put to sleep", in the early morning hours, in an effort to allow our control operators to get a good night's sleep. Anyone can "wake it up", for 30 minutes, simply by pressing 611. (It will "nod off" again after 30 minutes.)

REMEMBER, we still have a three second "on delay". After each transmission you'll hear two signals. The first "beep" will indicate that the transmitting party has released his/her key. The second tone (chime) is the normal courtesy tone.

Minutes... continued from page 8

phia. Volunteers are needed!!! The event requires 15 operators to supply safety on the course.

N3DHI, at the request of the prez., elaborated on the race course, explaining that the race started in front of the Art Museum and made ten laps. Each lap goes from the Art Museum, out Kelly Drive, over Main St, up Leverington (THE WALL!), over to Ridge Ave., down Ridge to Kelly Dr., back in Kelly Dr. to the Art Museum with a detour up Lemon Hill. This is concluded with three laps in front of the reviewing stands at the Art Museum. Total Distance: 156 miles. (Average Speed of the winner 30-33 M.P.H.; this includes the time lost on the WALL! Maximum course speed has exceeded 70 M.P.H.. de N3EAY)

M3888 on the Wet & Wild Weekend: The dates are July 18-19. The volunteers to date are: KB3JW, KB3IV, K3PHC, W3VVS, KA3BEI, N3EBE, and W3YDS. Plans are still being formalized as to meals. The places to stay (camping/hotel) will be the same as last year.

AK2I on V.E. Exams: We only had 5 examinees. This time last year we had 18. Apparently, due to the number of clubs now giving exams in the area, our numbers are dwindling. 1 certificate for 5 W.P.M., 1 advance to Novice, 1 unsuccessful attempt for Advanced, 1 advance to Advanced, and 1 advanced from General to EXTRA. Congratulations. He also thanked KB3JW, W3LKI, WA3TPH, for their help, and announced that KB3JW will be commanding the helm next month in his absence.

Mid month is at W3888 sponsored by N3DHI.

The meeting was adjourned at 10:00 PM

Respectfully Submitted:

N3EAY Honorable Secretary.

Continued from page 7

I called the young lady and suggested she write the company (Dumont, very good then). They would send out a man to fix the situation (The I.F.s were way off). This she did and thanked me very much.

In those days, TVI was general. The TV companies made their TVs wide open in the front. (cheaper). The FCC jumped on them for this??

The BLURB at this time was named "The TVI Retreat" ..instead of using your outfit from home, we got in our car and talked in some other area - HI! (At times beside some church in session --Boy!)

Some say those were the good old days, but I think now are the good days in Amateur Radio. What do you think???

Police... continued from page 5

bile radio was developed five years later in Bayonne by Police Lt. Vincent Doyle and radio engineer Frank Gunther. Their two-way system, another significant stride in crime fighting for the police, became standard throughout the country.

Interference still posed communication problems, however. In answer to that, Edward Hickey, the Connecticut police commissioner, spearheaded the development of the first two-way FM radio link in 1940, which proved a vast improvement over AM by reducing static and other electronic "noise". Daniel Noble, an electrical engineering professor at the Univ. of Connecticut, designed the system, and engineers from the Fred M. Link Co. built it. The Connecticut State Police system paved the way for a nationwide switch from AM to FM.

OLD BUSINESS

THE BLURB
30 YEARS AGO
JULY 1957

You should see the new generator trailer that Spencer put together for Field Day! It will be towed behind the "red truck" as soon as W3CCB lines up the insurance ... W3WNC just switched his Communicator's power supply from 6 volts to 12 to match his new car ... W3SRU loves his Pep Boys soldering iron ... W3HYU says: "Never tell your wife that you are unworthy of her - let that come later as a surprise." ... W3QQH reported that the St. Davids golf match was a success with W3DSG, W3LNQ, W3YJM helping. The "red truck" was there ... And also at the Abington Reliability Run for teenagers and their cars (sort of like a road rally). Helpers included W3GRY, W3QQH & W3VVS.

Included was a copy of a letter to the FCC, opposing Dock- et 11994 which would delete the segment 26.96-27.23Mc from the Amateur Service and reassign it to the Citizen's Radio Service.

New Members: W3ZPP; W3FWI; W3JIL.

Retreat... continued from page 5

a voice broke in and screamed, Ah, Shut Up!, at this point she laughed.

Seems her husband, who was teaching at the University of Pennsylvania, had invited his boss over to see this play on this new TV.

Boy, was I in trouble!

So, the FCC put Lawrence LePage on me and he gave me ?@*---!! So, I was shut off. Still I didn't know if I did this or someone else, however I was just around the corner from her. I might say, while using my transmitter my own 7 inch job was not effected.

THE BLURB
15 YEARS AGO
JULY 1972

New Bylaws in the works. W3HYV to type them ... Sam Moskowitz's (K3RTR) picture was on the cover of the Fourth Navy Mars District's paper MARSGRAM ... \$111.00 new exhaust system for the Bus ... TKQ/Repeater now in operation from 10:00-17:00 daily; 29.640 in, 29.493 out ... Rick Spencer sporting a 2nd Radio Telephone License (sic) - Dad didn't pass the test ... W3EM has three radios on board his 33ft yawl Colleen and is looking for contacts.

Field day was upstaged by hurricane Agnes. The bus was set up on high ground in Pottstown, where it was used to coordinate communications between the State, Eagleville, the borough hall and mobiles. Operations continued under emergency power for 45 hours; Total man-hours exceeded 193. Participants included W3s KN; QQH; SRU; VVS; OMK; AJO; YHV; GIF; DSG; K3s KNH; UWO; PHC; WA2RDC and (N3DHI).

But, people or nature are wonderful. A young man, walking by the house started a conversation and we got on TV. As it were he was a TV repairman. After the above story was told to him I found that he installed the lady's TV. He said that even if her TV was new, etc., it was the lousiest set he had to work on. Every time the wind blew hard her TV beam would turn and he would have to correct it, otherwise she couldn't get any TV pictures.

Boy, was that news!

My TV, I built from a kit, gave a good picture with a piece of wire hanging out the window.

Continued on page 14

"EVERY SINGLE MINUTE"

PERSONAL CHECKLIST From the Chester County ARES

The following represents recommendations of equipment and supplies ARES members should consider having available for use during an emergency or public service activity:

1. ARES Identification Card
2. FCC Amateur Radio Operator License
3. Radio Gear
 - a. Rig
 - b. Microphone
 - c. Headphones
 - d. Power supply/extra batteries
 - e. Antennas with mounts
 - f. Spare fuses
 - g. Patch cords/adapters (BNC to PL259 - RCA phono to PL259)
 - h. SWR meter
 - i. Extra coax
4. Writing Gear
 - a. Pen/pencil/ERASER
 - b. Clipboard
 - c. Message forms
 - d. Log book
 - e. Note paper
5. Personal Gear (short duration)
 - a. Snacks
 - b. Liquid refreshments
 - c. Smoking supplies/candy
 - d. Throat lozenges
 - e. Personal medicine
 - f. Aspirin
 - g. Extra pair of prescription glasses

6. Personal Gear (72-hour duration)
 - a. Foul weather gear
 - b. Three day supply of drinking water
 - c. Cooler with 3-day supply of food
 - d. Mess kit with cleaning supplies
 - e. First aid kit
 - f. Personal medicines
 - g. Aspirin
 - h. Snacks/candy
 - i. Throat lozenges
 - j. Sleeping bag
 - k. Toilet articles
 - l. Mechanical alarm clock
 - m. Flashlight with batteries/lantern
 - n. Candles
 - o. Waterproof matches
 - p. Extra pair of prescription glasses

7. Tool Box (72-hour duration)
 - a. Screwdrivers
 - b. Pliers
 - c. Socket wrenches
 - d. Electric tape
 - e. 12/120-volt soldering iron
 - f. Solder
 - g. Volt-ohm meter

8. Other (72-hour duration)
 - a. Hatchet/ax
 - b. Saw
 - c. Pick
 - d. Shovel
 - e. Siphon
 - f. Jumper cables
 - g. 3/8-inch hemp rope
 - h. Highway flares
 - i. Extra gas and oil

G-MINS - Continued from page 4

After a discussion with Steve Smith, we were given a choice of July 25-26 or Aug 1-2. After a discussion it was decided that we could comply either weekend, and that we would let DVCRC pick the date that works with their schedule.

KA3BET reported that we are committed on the 14th of June to serve as Communications Marshals for the Core States Bicycle Race in downtown Philadelphia. They have also extended the time frame for the race to be an annual event until 1990 in Philadelphia.

Continued on page 14

Sam's - Continued from page 3

I'm sure that the editorial's reference to "historical research", in the BLURB, was not directed toward you. Since I, personally, have found it very interesting to read, in past BLURB issues, about the various goings-on in bygone years, I thought it would also be of interest to both older and newer members. In selecting the material to excerpt for my column "OLD BUSINESS", I often try to include mention of the club's involvement in various "public service" events of the past (as a subtle reminder of our lack of present-day involvement). I guess the editorial picked up on that very theme, while at the same time it seemed to criticize the very vehicle which probably brought it to mind!

I'm also certain that the editorial was not meant to denigrate the efforts of the few who are doing something for the club, or the use of computers, or more modern technology, in that effort. The point was that more emphasis should be put on developing and maintaining "emergency preparedness" skills, which was the club's original reason for being (at least that's how many hams of that era justified all of the time and money that they put into the hobby). (An observation here might be in order regarding the fact that not much has happened recently to warrant an update to our one major claim to fame: the acclaimed film "EVERY SINGLE MINUTE". It's sad to note that the film was made over 30 years ago!)

Unfortunately, the author has not been to any meetings since the editorial, nor, to my knowledge, has he even offered to get more involved in those areas to which he referred! Ever since Gil resigned the chairmanship, we have not had anyone step forward to volunteer to coordinate the club's special events! Even though some members applauded the editorial, it doesn't appear that they're ready to commit their own time to lead what they believe is an important "public service" responsibility of the club!

Sam, just keep up the great work that you've been doing for the BLURB. Without your continuous injections of humor, we might all take ourselves too seriously, and thus take all the fun and enjoyment out of the hobby! And when any hobby ceases to be fun, it usually dies.

Jack Haring, W3IIM

D-MINS - Continued from page 4

N3DHI reported that MO-COM went out on its first event under the new volunteer operator program with N3EAY at the helm. All went well with the exception that N3EAY forgot to fill out the log-book (no one hooked it up to my printer!!). This officially puts the program into effect.

W3IIN, dateline Lansdale, on Membership: Chuck Hillman, K3QLY, is to be voted on for membership. W3888 motioned that we accept Chuck for membership. W3AA seconded the motion. The vote was unanimous in favor of acceptance.

W3RM received an application of reinstatement of membership from Bill Clayton, K3HIE. W3IIN will forward the appropriate paperwork and announcements to handle the situation.

W3IIM blurred the BLURB report. "Read your Blurb." We are planning a special "We The People" edition for September.

W33CM is having problems getting the Philadelphia Suburban Company to confirm their program for July's meeting. We have alternates planned.

Continued on page 15

HAMFESTS

We will print an ongoing schedule of Hamfests based on information received. Please help us keep our list current. If you don't see your favorite event listed here, it's because YOU didn't send it to W3IIM prior to the BLURB deadline!

July 4 HARRISBURG HAMFEST
Bressler Fire Co. Picnic Grounds
KC3MG 146.76 146.52 V.E. Tests

July 26 BRATS' MARYLAND HAMFEST
& COMPUTERFEST

Howard County Fairgrounds, I-70 &
Rt 144 (15 Mi. west of Ballawer)
??:??-??:?? W3GXX 146.76 147.03
146.52 (tnx Mayer!)

July 5 WILKES-BARRE HAMFEST &
COMPUTERFEST

Ice-A-Rama, Coal St. Sports
Complex, Coal Street, Wilkes-
Barre, PA 08:00-??:?? K3SAE
146.61 53.61 146.52 V.E. TESTING

Aug 9 MID-ATLANTIC ARC (MARC)

Bucks County Drive-In, Rt 611,
Warrington, PA 08:00-15:00
WB3ELA 147.06 146.52

July 12 PENN WIRELESS'
TRADEFEST '87

Aug 30 GLOUCESTER COUNTY ARC

Gloucester County 4H Fairgrounds,
Rt 77, Mullica Hill, NJ
08:00-16:00 K2JF 147.18 146.52
V.E. TESTING

July 12 EAST COAST VHF SOCIETY

Trenton State College 08:00-??:??
K2TXB

Sep 26-27 YORK HAMFEST
(no info available)

Oct 11 CUMBERLAND COUNTY ARS
(no info available)

NO NEWS (Is STILL Bad News)

In the December '86 issue we complained about the lack of input to the BLURB. While this is nothing new, (they complained 30 years ago, too) we had hoped that, at a minimum, we would have had an update to the Net Control Station listing that we regularly show on our calendar. Nothing yet!

Finally though, some people are noticing just how inaccurate it is (thanks, Ed & Jack, for reading your BLURB!).

Therefore, in the future, we will delete the calls of those people whom we know:

SECOND ANNUAL PHIL-MONT FAMILY PICNIC

SUNDAY AUGUST 16
QTH KA3BET/N3EBE

Eats - Mets - Games - Words

1. are no longer performing the function;
2. are no longer members of the club.

We spend far too much time, each month, attempting to give you the finest amateur radio club newsletter that we can, and get no satisfaction from publishing inaccurate information.

* UPDATE *

JULY 6 General Meeting Program:
To be announced.

July 15 Mid-Month at KA3BET &
N3EBE's

July 18-19 PADDLERAMA

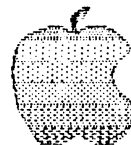
AUG 3 General Meeting Program:
To be announced

Aug 16 Second Annual PHIL-MONT
PRESIDENTIAL SPLASHDOWN

Aug 19 Mid-Month at W3IIM&N's

SEP 14 General Meeting Program:
To be announced.

Sep 16 Mid-Month at W3PWG's



APPLE BYTES...

JULY BIRTHDAYS

04-MARION BLUM (XYL N3AXJ)
05-RAYMOND L. GILLESPIE - KB3JW
06-ROBERT T. BRANGAN - K3NYL
-EDNA McVAUGH (XYL W3LEM)
10-NATALIE S. GORDON - WB3KOH
-LOUIS RULLI - WB2WOM
12-GRACE SMITH (XYL K3GBA)
14-LAWRENCE J. CLIFFORD - W3UY
20-DAVID C. ANDERSON - WA2RDC
-IRWIN MILLER - K3KNH
24-PEGGY SNYDER (XYL W2HSA)
25-VIRGINIA J. HARING - W3IIN
27-HELEN BEAMON (XYL W3BFM)
28-FRANKIE GILPIN (XYL W3SRU)
31-STEPHEN C. HOCH - KA3AMO

TIME TO RENEW

K3BJS ... IT'S TIME TO FILL OUT A 610 FORM FOR THE FCC.

HELP PHIL-MONT

ARE YOU PLANNING TO JOIN ARRL OR RENEW YOUR CURRENT MEMBERSHIP? HELP PHIL-MONT BY JOINING OR RENEWING THROUGH THE CLUB...CONTACT KB3IV FOR THE DETAILS.

Phil-Mont Calendar

1987

JULY

1987

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1 SWAP NET	2	3	4 <i>Independence Day</i>
5 2m NCS WB3CMM 10m NCS W3KDO 75m NCS W3PWG	6 GENERAL MEETING & LICENSE EXAMS (KB3JW)	7 CODE PRACTICE NET	8 SWAP NET	9	10	11
12 2m NCS W3ZPP 10m NCS WB3KAC 75m NCS W3AOA	13	14 CODE PRACTICE NET	15 SWAP NET DIRECTORS' MEETING at KA3BET & N3EBE's	16	17	18
19 2m NCS KB3JW 10m NCS 75m NCS W3RCE	20	21 CODE PRACTICE NET	22 SWAP NET	23	24	25
26 2m NCS W3AA 10m NCS KB3QE 75m NCS AK2I	27	28 CODE PRACTICE NET <i>WW I - 1914</i>	29 SWAP NET	30	31	